(c) The major causes of air accidents have been identified to be human error, technical defects and bird strikes. A number of steps have been taken to reduce accidents due to these causes which is an on-going process. Some of them are given below :—

Human errors

The important remedial measures taken to reduce human error accidents are :—

(i) The training pattern has been modified and a new syllabi has been introduced with emphasis on advanced operational training exercises.

(ii) The training syllabi have been reviewed in depth to ensure that junior pilots are introduced to high workload/high risk exercises in a progressive/regulated manner. Standards for each phase of training have been set and are being monitored.

(iii) Radio and Navigational aids are being given particular attention. Mandatory requirements of essential aids at airfields has been defined.

(iv) Appropriate instructions have been issued to ensure that medical factors like aircrew fatigue and hypoglycemia do not contribute to accidents.

(v) Instrument flying training and night flying training have been reviewed to meet operational requirements by day and night.

(vi) Setting and quantification of flying training standards in flying training establishments have been established.

(vii) A system of monitoring training standards and standards of Qualifying Flying Instructors has been introduced.

Technical defects

The major steps taken/being taken to reduce accidents by technical defects are :—

(i) Accidents due to design or manufacturing deficiencies are brought to the notice of the manufacturers for introducing modifications in aircraft. Pending such modifications short term remedial measures, in consultation with them, are expeditiously implemented.

(ii) Technical type Training Schools are being set up for various types of aircraft. Technicians will be given extended training on particular aircraft types.

(iii) Setting and quantification of standards in technical training establishments has been undertaken.

(iv) The Crew Chief System of aircraft servicing has been introduced on a trial basis.

(v) The training period for Branch Commissioned Officers has been extended to include technical and management education.

(vi) Wing Maintenance has been restructured and percentage of untrained technicians reduced.

(vii) Experienced Supervisors have been placed Incharge of aircraft servicing repairs, and teams of technicians formed to service particular aircraft.

Bird strikes

Due to the increased urbanisation and industrialisation bird hazard to aircraft is on the increase. The steps taken to avoid bird strike accidents are :—

(i) Airfield Environment Management Committees have been set up under the Chairmanship of the concerned Collector/Distt. Magistrate to take necssarey steps to keep the environment around airfields safe for flying.

(ii) Bird hazard combat teams have been established on an experimental basis at 5 selected airfields. These teams report bird activity to pilots and also kill/scare away the birds.

(iii) Use of bird watchers at airfields to keep pilots informed about bird activity in the airfield circuit areas.

(iv) Publicity drive by means of radio, TV, newspapers and posters is being undertaken to educate the general public about bird hazard to aircraft and necessity to maintain clean environment around airfields.

(v) The State Governments and local bodies are being regularly contacted to take steps for sanitisation of areas outside the perimeter of Defence airfields.

Central Assistance to Bihar for Flood Relief/Protection Work

1313. SHRI S. S. AHLUWALIA : Will the Minister of WATER RESOURCES be pleased to state :

(a) the central assistance/grant given to the Bihar Government to compensate the affected people and to undertake the flood relief work and the flood protection work with break-up of figures under each head;

(b) whether the utility of flood protection works done in the earlier years has been assessed; if so, the findings thereof;

(c) whether any technical assistance has been given by the Central Government to Bihar State by way of planning flood control strategies; and

(d) if so, the details thereof; and if not, the reasons therefor ?

THE MINISTER OF STATE OF THE MINISTRY OF TEXTILE AND THE MINISTER OF STATE OF THE MINISTRY OF WATER RESOURCES (SHRI RAM NIWAS MIRDHA) : (a) Rs. 86.53 crores. Break-up is given in the enclosed statement. (*See below*).

(b) The flood protection works executed so far have rendered reasonable degree of protection, by and large.

(c) and (d) Yes, Sir. The Ganga Flood Control Commission set up in the year 1972, has been extending technical assistance to the Government of Bihar by preparing comprehensive Master Plan for the main Ganga river and tributaries, and also by way of techno-economic appraisal of the flood control schemes formulated by the State Government.

Statement

The Central Assistance to the Government of Bihar (the sub-headwise break-up)

SS. No.	Item	Amount (Rs. crores)
	NON-PLAN	
1.	Relief-Evacuation of population ex-gratia grant for human lives lost, supply of food/food-grains, clothing and utensils	10·56
2.	Rehabilitation—assistance to farmers for agricultural input, assistance for reconstruction of houses, assistance to artisans etc.	15·26
3.	Repair and restoration of public properties	52·18
4.	Health and assistance to farmers for purchase of livestock, veterinary	5·11
5.	Repairing and restoration of damaged Veterinary buildings	2·39
	Total of Non-Plan	85·50
	PLAN	
1.	Growth of fodder	0·88
2.	Distribution of vegetable minikits	0·15
	Total of Plan :	1·03
	Grand Total (Non-Plan+Plan)	86·53

Complaints against Residents Welfare Association of Government Colonies

1314. SHRI S. S. AHLUWALIA : Will the PRIME MINISTER be pleased to state :

(a) whether it is a fact that Welfare Section of the Ministry has received various complaints from residents of various Government colonies alleging that their Residents Welafre Associations are committing irregularities; if so, the number of such complaints received during the year 1987 (till date);

(b) whether as per rules, Welfare Section cannot take any action against such Associations/Bodies which are not recognised by Government while these may be cheating Central Government Employees in Government Colonies and committing irregularities; if so, the reasons therefor;

(c) whether Government propose to amend these rules and make provisions to interfere in the activities of such Associations against which the complaints are received by them to give relief to the Government employees making complaints; and